

WHAT IS CLAIMED IS:

1 1. A method of facilitating subscriber location in accordance with
2 privacy information, comprising:
3 receiving a network address request at a home database server, the
4 network address request being associated with a subscriber device; and
5 providing a privacy server network address in response to the network
6 address request.

1 2 The method of claim 1, wherein the network address request is
2 associated with a location request from a client device.

1 3. The method of claim 2, wherein the location request is associated
2 with a geographic location of the subscriber device.

1 4. The method of claim 1, wherein the subscriber device is associated
2 with a wireless network.

1 5. The method of claim 1, wherein the network address request is
2 received from a gateway location server.

1 6. The method of claim 5, wherein said providing comprises:
2 transmitting the privacy server network address to the gateway location
3 server.

1 7. The method of claim 5, further comprising:
2 determining an association between the gateway location and a home
3 network,
4 wherein said providing is only performed when the gateway location
5 server is associated with the home network.
6

7 8. The method of claim 1, wherein the privacy server network address
8 is associated with a home location privacy server.

1 9. The method of claim 8, further comprising:
2 receiving another network address request at the home database sever
3 from the home location privacy server; and
4 transmitting a visited network address associated with the subscriber
5 device.

1 10. The method of claim 9, wherein said transmitting comprises:
2 transmitting the visited network address to the home location privacy
3 server.

1 11. The method of claim 1, wherein the home database server
2 comprises at least one of: (i) a home location register, and (ii) a home
3 subscriber server.

1 12. The method of claim 11, wherein the home database server is
2 associated with at least one of: (i) GSM, (ii) ANSI-41, (iii) 3GPP, and (iv)
3 3GPP2.

1 13. The method of claim 1, wherein the home location privacy server is
2 associated with at least one of: (i) a GSM gateway mobile location center, (ii)
3 a 3GPP gateway mobile location center, (iii) an ANSI-41 mobile position
4 center, and (iv) a 3GPP2 mobile position center.

1 14. A home database server, comprising:
2 a processor; and
3 a storage device in communication with said processor and storing
4 instructions adapted to be executed by said processor to:
5 receive a network address request at a home database server,
6 the network address request being associated with a subscriber

7 device, and
8 provide a privacy server network address in response to the
9 network address request.

1 15. The home database server of claim 14, wherein said storage
2 device further stores a subscriber network database.

1 16. The home database server of claim 14, wherein said processor is
2 further coupled to a communication device adapted to communicate with at
3 least one of: (i) a client device, (ii) a gateway location server, (iii) a home
4 location privacy server, (iv) a visited network server, (v) a subscriber device,
5 and (vi) another home database server.

1 17. A medium storing instructions adapted to be executed by a
2 processor to perform a method of facilitating subscriber location in
3 accordance with privacy information, said method comprising:
4 receiving a network address request at a home database server, the
5 network address request being associated with a subscriber device; and
6 providing a privacy server network address in response to the network
7 address request.

1 18. A method of facilitating subscriber location in accordance with
2 privacy information, comprising:
3 receiving a location request at a home location privacy server, the
4 location request being associated with a subscriber device;
5 determining location information in accordance with privacy information
6 associated with the subscriber device; and
7 providing the location information in response to the location request.

1 19. The method of claim 18, wherein the location request is received
2 from a client device via a gateway location server.

1 20. The method of claim 18, wherein said providing comprises:
2 transmitting the location information to a client device via a gateway
3 location server.

1 21. The method of claim 18, wherein said determining comprises:
2 retrieving privacy information associated with the subscriber device;
3 evaluating the privacy information; and
4 determining if the location information will be provided based on said
5 evaluation.

1 22. The method of claim 21, wherein said evaluating is further based
2 on at least one of: (i) a client device associated with the location request, (ii) a
3 current time of day, (iii) a current day of week, (iv) a current date, (v) a
4 characteristic of the location request, (vi) a location request purpose, and (vii)
5 a location request type.

1 23. The method of claim 18, wherein said determining further
2 comprises:
3 transmitting a network address request to a home database server;
4 receiving from the home database server a visited network address
5 associated with the subscriber device;
6 transmitting a location request to a visited network server via the visited
7 network address; and
8 receiving the location information from the visited network server.

1 24. A home location privacy server, comprising:
2 a processor; and
3 a storage device in communication with said processor and storing
4 instructions adapted to be executed by said processor to:
5 receive a location request at a home location privacy server, the
6 location request being associated with a subscriber device,
7 determine location information in accordance with privacy

8 information associated with the subscriber device, and
9 provide the location information in response to the location
10 request.

1 25. The home location privacy server of claim 24, wherein said storage
2 device further stores a subscriber privacy database.

1 26. The home location privacy server of claim 24, wherein said
2 processor is further coupled to a communication device adapted to
3 communicate with at least one of: (i) a client device, (ii) a gateway location
4 server, (iii) a home database server, (iv) a visited network server, (v) a
5 subscriber device, and (vi) another home location privacy server.

1 27. A medium storing instructions adapted to be executed by a
2 processor to perform a method of facilitating subscriber location in
3 accordance with privacy information, said method comprising:
4 receiving a location request at a home location privacy server, the
5 location request being associated with a subscriber device;
6 determining location information in accordance with privacy information
7 associated with the subscriber device; and
8 providing the location information in response to the location request.

1 28. A method of facilitating subscriber location in accordance with
2 privacy information, comprising:
3 receiving a network address request at a home database server, the
4 network address request being associated with a subscriber device;
5 transmitting a privacy server network address in response to the
6 network address request;
7 receiving a location request at a home location privacy server, the
8 location request being associated with a client device and the subscriber
9 device;

- 10 determining location information in accordance with privacy information
- 11 associated with at least one of the client device and the subscriber device;
- 12 and
- 13 transmitting the location information in response to the location
- 14 request.